

International Energy Outlook 2009

Table 3. World Liquid Fuels Production in the Reference Case, 2006-2030
(Million Barrels per Day)

Source	2006	2010	2015	2020	2025	2030	Average Annual Percent Change, 2006-2030
OPEC							
Conventional Liquids ^a	34.0	35.0	37.3	38.8	40.2	42.3	0.9
Extra-Heavy Oil	0.6	0.6	0.7	0.8	1.0	1.2	2.8
Bitumen	0.0	0.0	0.0	0.0	0.0	0.0	—
Coal-to-Liquids	0.0	0.0	0.0	0.0	0.0	0.0	—
Gas-to-Liquids	0.0	0.0	0.1	0.2	0.3	0.3	18.3
Shale Oil	0.0	0.0	0.0	0.0	0.0	0.0	—
Biofuels	0.0	0.0	0.0	0.0	0.0	0.0	—
OPEC Total	34.7	35.6	38.1	39.9	41.4	43.8	1.0
Non-OPEC							
Conventional Liquids ^a	47.5	46.3	46.1	47.9	49.4	50.9	0.3
Extra-Heavy Oil	0.0	0.0	0.0	0.0	0.1	0.1	14.3
Bitumen	1.2	1.9	2.8	3.3	3.8	4.2	5.3
Coal-to-Liquids	0.1	0.2	0.3	0.5	0.8	1.2	9.0
Gas-to-Liquids	0.0	0.0	0.1	0.1	0.1	0.1	—
Shale Oil	0.0	0.0	0.0	0.0	0.1	0.2	13.9
Biofuels	0.8	1.9	2.8	3.8	5.0	5.8	8.6
Non-OPEC Total^b	49.9	50.7	52.5	56.0	59.6	62.8	1.0
World							
Conventional Liquids ^a	81.5	81.3	83.4	86.7	89.6	93.1	0.6
Extra-Heavy Oil	0.6	0.7	0.7	0.9	1.0	1.2	3.0
Bitumen	1.2	1.9	2.8	3.3	3.8	4.2	5.3
Coal-to-Liquids	0.1	0.2	0.3	0.5	0.8	1.2	9.0
Gas-to-Liquids	0.0	0.1	0.2	0.3	0.3	0.3	19.3
Shale Oil	0.0	0.0	0.0	0.0	0.1	0.2	13.9
Biofuels	0.8	1.9	2.8	3.9	5.1	5.9	8.6
World Total	84.6	86.3	90.6	95.9	101.1	106.6	1.0

^aIncludes conventional crude oil and lease condensate, natural gas plant liquids (NGPL), and refinery gain.

^bIncludes some U.S. petroleum product stock withdrawals, domestic sources of blending components, other hydrocarbons, and ethers.

OPEC = Organization of the Petroleum Exporting Countries (OPEC-12).

Sources: **History:** Energy Information Administration (EIA), Office of Energy Markets and End Use. **Projections:** Generate World Oil Balance Model (2009).